

REMARKS/ARGUMENTS

This Amendment is in response to the Office Action dated July 15, 2003. Claims 1-20 are pending in the present application. Claims 1-20 have been rejected. Claim 20 has been canceled because it is identical to claim 19. Accordingly, claims 1-19 are pending in the application. For the reasons set forth more fully below, Applicant respectfully submits that the claims as presented are allowable. Consequently, reconsideration, allowance, and passage to issue are respectfully requested.

Drawings

The Examiner has stated,

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: Page 5, line 3, "the pin 113" is mentioned. However, the reference sign 113 shown in Fig. 5 is not a pin. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Correction of Figure 5 has been completed in accordance with Examiner's instructions. Accordingly, the reference sign 113 indicates a pin which allows for the rotation of the display from portrait to landscape orientation.

The Examiner also states:

2. The drawings must show every feature of the invention specified in the claims. Therefore, the pin as claimed in claims 5, 11, 14, 19 and 20 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

As above-mentioned, Figure 5 has been corrected to show the pin as claimed in claims 5, 11, 14, 19 and 20 in accordance with the Examiner's instructions.

Present invention

A display device comprising a display screen and a pivoting system coupled to the display device is disclosed. The pivoting system allows for rotation of the display screen from portrait to landscape; and for flipping the display from front to back, and for the display device to be folded into a compact form.

The design in accordance with the present invention offers a range of freedom of movement not available with previous conventional designs. In a preferred embodiment, the display device 100 can be lifted approximately 130 mm from a flat folded position. A user can rotate the display 90° from portrait through landscape orientations. A user can also flip the display 180° from front to back, which will allow users on opposite sides of a desk to view the same image without turning the display around. All of these features may be used in combination, allowing the user to take advantage of multiple positioning options.

Rejection under 35 U.S.C. 103(a)

The Examiner states,

4. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Braun et al. (EP0887724) in view of Chen et al. (5812368).

Regarding to claims 1-8, Braun discloses a display device comprising: a flat display screen; a base portion; a support arm coupled to the base portion and a display screen frame for supporting the display screen; and a pivoting assembly coupled to the display screen for rotating the display screen from a first/portrait to second/landscape orientation (see drawings). Braun further discloses the display screen can be rotated 180 degrees (col. 2, lines 4-8).

Braun fails to disclose folding the display device into a compact form.

Chen, in the same display field, discloses a display device comprising two parallel support arms (21, Fig. 2) for supporting a display screen; a pin for rotating the display screen; a pivoting assembly coupled to the display screen for folding the display device to a compact form (see figs. 5A-5C and 7B); and the support arms creates a "Z" shape as the display device is moved to and from a stored position (see figs. 5A-5C and 7B).

It would have been obvious to one ordinary skill in the art to incorporate Chen's display device into Braun's invention because it allows Braun's display device to be folded into a compact form so that the display device occupied less space.

Regarding to claims 19-20, Braun does not explicitly disclose the display screen being a TFT display screen. However, Braun discloses that the display screen can be any commercially available flat display screen. Since a TFT liquid display device is a well known commercially available flat display screen, it would have been obvious to one ordinary skill in the art to use the TFT liquid crystal display device as the display screen in Braun's invention.

Applicant respectfully disagrees.

Claim 1 is reproduced in its entirety hereinbelow.

1. (original) A display device comprising:
a display screen; and
a pivoting assembly coupled to the display screen, the pivoting assembly allowing for rotation of the display screen from portrait to landscape orientation, for flipping the display from front to back, and for the display device to be folded into a compact form.

Applicant submits that neither Braun nor Chen singly or in combination disclose the present invention. Examiner has stated Braun discloses "a pivoting assembly . . . for rotating the display screen from a first/portrait to second/landscape orientation." Applicant respectfully submits that the Examiner is incorrect. While arguably Braun discloses flipping the display from front to back, Braun neither teaches nor suggests a pivoting assembly for the "rotation of the display screen from portrait to landscape orientation" as recited in all of the independent claims. Chen neither teaches nor suggests the above-cited recitation.

Furthermore, neither Braun nor Chen teach or suggest the recitation of claims 5, 11, 14, 19 and 20, all of which include a pin to allow the rotation of display from portrait to landscape

orientation. Accordingly, for these reasons Applicant respectfully submits that claims 1-20 are allowable over the cited references.

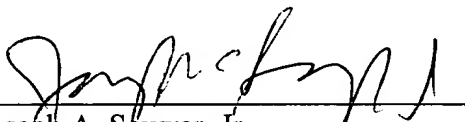
Applicant's attorney believes that this application is in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicant's attorney at the telephone number indicated below.

Respectfully submitted,

SAWYER LAW GROUP LLP

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Date



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